

CUC-V14-C1ZNI-S/R4E8 - RJ45 connector

1422661

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5, material: Metal, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: straight, Ethernet

Your advantages

- Push-pull ADVANCE connector
- Locking system to prevent inadvertent release
- Protected data transmission thanks to 360° shielding concept
- Highest ESD and EMC resistance for reliable transmission

Commercial data

Item number	1422661
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
GTIN	4055626311197
Weight per piece (including packing)	102.1 g
Weight per piece (excluding packing)	88.419 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252
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Product properties

Product type	Data connector (cable side)
Type	RJ45
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Frequency range	to 100 MHz
Insulation resistance	> 500 Ω
Nominal voltage U_N	48 V
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps
Power transmission	PoE++ in accordance with: IEEE 802.3bt

Connection data

Connection technology

Connection method	IDC fast connection
Connection technology	QUICKON connection
Connection cross section AWG	26 ... 24 (solid) 26 ... 24 (flexible)
Conductor cross section	0.14 mm ² ... 0.23 mm ² (solid) 0.14 mm ² ... 0.25 mm ² (flexible)

Dimensions

Width	22 mm
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Height	34 mm
Length	80 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Seal material, O-ring	NBR
Seal material cable seal	CR
Seal material	NBR
Seal material, pin connector pattern	NBR
Housing material	Metal
Housing surface material	nickel-plated
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC
Material for screw connection	CuZn

Cable/line

External cable diameter	5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Cable cross section	0.14 mm ²

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 750

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C

Standards and regulations

Standards/specifications	IEC 61076
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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422661>

cULus Recognized				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine	56.5 V	1.75 A	-	-

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Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440290

ETIM

ETIM 9.0	EC002943
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	68b13497-2852-4051-9ee9-0deae6185496

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